



GAU 1627
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : M. Baker
Art Unit : 1627
Applicant(s) : David S. Putnam, Nicholas Galakatos, Robert S. Langer
Serial No. : 09/628,667
Filed : July 28, 2000
For : SAMPLE ARRAYS AND HIGH-THROUGHPUT TESTING THEREOF
TO DETECT INTERACTIONS

#20
Bup
6-16-03

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on

May 22, 2003
Signed: Carla M. L.

Assistant Commissioner for Patents
Washington, D.C. 20231

REVOCATION OF POWER OF ATTORNEY AND
NEW POWER OF ATTORNEY

Sir:

Millennium Pharmaceuticals, Inc. is the assignee of record of an application for letters patent, filed on July 28, 2000, as Serial No. 09/628,667, for an invention entitled SAMPLE ARRAYS AND HIGH-THROUGHPUT TESTING THEREOF TO DETECT INTERACTIONS by virtue of the following assignments:

- 1) An assignment by assignors, David S. Putnam, Nicholas Galakatos and Robert Langer dated April 3, 2001; and
- 2) An assignment dated May 3, 2001 by assignors, Transform Pharmaceuticals, Inc., both assignments enclosed herewith.

Millennium Pharmaceuticals, Inc., having a place of business at 75 Sidney Street, Cambridge, MA 02139, certifies that it is the owner of the entire right, title and interest in, to, and under the above-identified application. On or about the 12th day of December, 2001, Millennium Pharmaceuticals, Inc. appointed the registrants of the firm Pennie & Edmonds, LLP at 1155 Avenue of the Americas, New York, NY 10036 Telephone (212) 790-9090, Customer No. 20583, as its attorney(s) to prosecute said application.

Millennium Pharmaceuticals, Inc. hereby revokes the Power of Attorney then given, and it hereby appoints the following persons registered to practice before the Patent and Trademark Office as my attorneys with full power of substitution and revocation to prosecute this application and all divisions and continuations thereof and to transact all business in the Patent and Trademark Office connected therewith: David R. Saliwanchik, Reg. No. 31,794; Jeff Lloyd, Reg. No. 35,589; Doran R. Pace, Reg. No. 38,261; Jay M. Sanders, Reg. No. 39,355; Jean Kyle, Reg. No. 36,987; James S. Parker, Reg. No. 40,119; Frank C. Eisenschenk, Reg. No. 45,332; Glenn P. Ladwig, Reg. No. 46,853; Margaret Efron, Reg. No. 47,545; Gwendolyn L. Daniels, Reg. No. 51,594; John M. Sanders, Reg. No. 30,126; of the firm Saliwanchik, Lloyd & Saliwanchik, [A Professional Association].

Millennium Pharmaceuticals, Inc. requests that all correspondence be sent to:

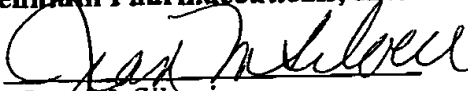
Customer Number: 23557
Saliwanchik, Lloyd & Saliwanchik
A Professional Association
2421 N.W. 41st Street, Suite A-1
Gainesville, FL 32606-6669

Millennium Pharmaceuticals, Inc. requests that all telephone communications be directed to:

Frank C. Eisenschenk, Ph.D.
352-375-8100

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

Millennium Pharmaceuticals, Inc.

By: 
Jean M. Silveri

Title: Associate General Counsel
Associate General Counsel

Date: May 21, 2003



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

JULY 23, 2001

PENNIE & EDMONDS LLP
ANTHONY M. INSOGNA
1155 AVENUE OF THE AMERICAS
NEW YORK, NY 10036



101712599A

10436-0010-999

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/03/2001

REEL/FRAME: 011769/0626
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

TRANSFORM PHARMACEUTICALS, INC.

DOC DATE: 05/01/2001

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.
75 SIDNEY STREET
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09628667

FILING DATE: 07/28/2000

PATENT NUMBER:

ISSUE DATE:

SEDLEY PYNE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

A. Paganio

JUL 27 2001



05-10-2001

Mail No. EL 501 740 761 US

Attorney Docket Number
10436-0010-999

101712599

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Box Assignment
Washington, DC 20231

5-2-01

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): TransForm Pharmaceuticals, Inc. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>Millennium Pharmaceuticals, Inc.</u> Address: <u>75 Sidney Street</u> <u>Cambridge, Massachusetts 02139</u> Country (if other than USA): _____	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>May 1, 2001</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>09/628,667</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, NY 10036		6. Number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41):\$ <u>40</u> Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>16-1150</u>	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>Anthony M. Insogna</u> <u>35,203</u> Name of Person Signing Reg. No. Signature Date <u>May 2, 2001</u> Total number of pages including cover sheet: <u>2</u>			

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignment
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, the inventors, Nicholas Galakatos; Robert S. Langer; and David A. Putnam, citizens of the United States, residing at 135 Peakam Road, Sudbury, MA 02474; 77 Lombard Street Newton, MA 02458; and 143 Otis Street, Cambridge, MA 02141, respectively, by an assignment executed on December 18, 2000 and December 19, 2000, which assignment was filed in the United States Patent and Trademark Office on December 28, 2000, have assigned their entire right, title and interest in, to and under the invention in **SAMPLE ARRAYS AND HIGH-THROUGHPUT TESTING THEREOF TO DETECT INTERACTIONS**, for which United States Patent Application No. 09/628,667 was filed on July 28, 2000, to **TransForm Pharmaceuticals, Inc.**, a company incorporated in the state of Delaware of the United States, having a place of business at 610 Lincoln Street, Waltham, Massachusetts 02451, ASSIGNOR:

AND WHEREAS, **TransForm Pharmaceuticals, Inc.**, ASSIGNOR has taken their entire right, title and interest in, to and under the said invention and the said application.

AND WHEREAS, **Millennium Pharmaceuticals, Inc.**, a company incorporated in the state of Delaware of the United States having a place of business at 75 Sidney Street, Cambridge, Massachusetts 02139, ASSIGNEE is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in accordance with the Technology and License Agreement by and Between Millennium Pharmaceuticals, Inc. and TransForm Pharmaceuticals, Inc. dated December 30, 1999 and other good and valuable consideration, the receipt of which is hereby acknowledged, said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

AND HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE in accordance with the terms of this instrument.

AND HEREBY covenants and agrees that ASSIGNOR has full right to convey the entire interest herein assigned, and that ASSIGNOR has not executed, and will not execute, any agreement in conflict herewith.

AND HEREBY further covenants and agrees that ASSIGNOR will communicate to the said ASSIGNEE any facts known to ASSIGNOR respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, the ASSIGNOR hereunto sets the hand and seal of its authorized representative on the day and year opposite his representative signature.

TransForm Pharmaceuticals, Inc., ASSIGNOR

Date: 1 May, 2001

Colin R. Gardner
By: **Colin Gardner**
Title: **Chief Scientific Officer**

On this day of May 1, 2001, 2001, before me, Melissa A. Katapitsis
Notary Public, personally appeared **Colin Gardner**, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Melissa A. Katapitsis



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER

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JUNE 19, 2001

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ANTHONY M. INSOGNA
1155 AVENUE OF THE AMERICAS
NEW YORK, NY 10036

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

10436-010-999

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/03/2001

REEL/FRAME: 011676/0989

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PUTNAM, DAVID

DOC DATE: 12/19/2000

ASSIGNOR:

GALAKATOS, NICHOLAS

DOC DATE: 12/19/2000

ASSIGNOR:

LANGER, ROBERT S.

DOC DATE: 12/18/2000

ASSIGNEE:

TRANSFORM PHARMACEUTICALS, INC.

610 LINCOLN STREET

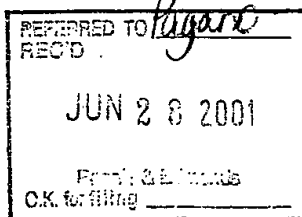
WALTHAM, MASSACHUSETTS 02541

SERIAL NUMBER: 09628667 /

FILING DATE: 07/28/2000

PATENT NUMBER:

ISSUE DATE:



JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

04-17-2001

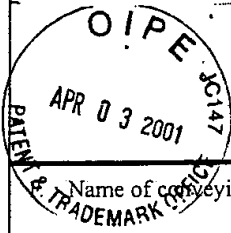
Express Mail No. EL 501 740 568 US



RECTED RECORDATION FORM COVER SHEET
PATENTS ONLY

101675909

Attorney Docket Number
10436-0010-999



TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
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Please record the attached original documents or copy thereof.

4.3 '01

1. Name of conveying party(ies):

David Putnam, Nicholas Galakatos, and Robert
S. Langer

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

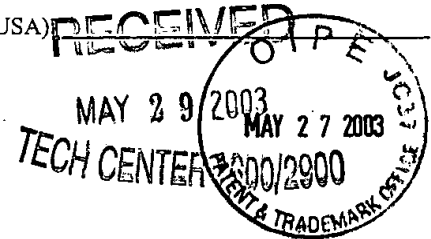
Execution Date: December 18, 2000 and December 19, 2000

2. Name and address of receiving party(ies):

Name: TransForm Pharmaceuticals, Inc.

Address: 610 Lincoln Street
Waltham, MA 02541

Country (if other than USA) _____



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/628.667

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 10036

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00
Please charge to the deposit account listed in
Section 8.

8. Deposit account number:
16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Anthony M. Insogna
Name of Person Signing

35,203
Reg. No.

Signature

April 3, 2001
Date

01-09-2001

SET

Attorney Docket Number
10436-0010-999

101576618

Washington, DC 20231

AND TRADEMARKS

Please record the attached original documents or copy thereof.

12-28-00

1. Name of conveying party(ies):
David Putnam, Nicholas Galakatos, and Robert S. Langer

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

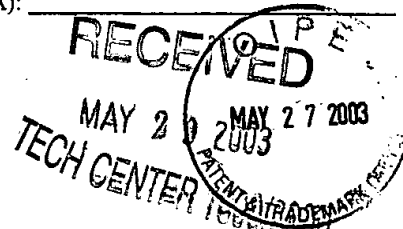
- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: December 18, 2000 and December 19, 2000

-2. Name and address of receiving party(ies):

Name: TransForm Pharmaceuticals, Inc.Address: 610 Lincoln Street
Waltham, MA 02541

Country (if other than USA): _____



4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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PENNIE & EDMONDS LLP
 1155 Avenue of the Americas
 New York, NY 10036

6. Number of applications and patents involved: 1

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16-1150

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Anthony M. Insogna35,203

Name of Person Signing

Reg. No.

Signature

December 28, 2000

Date

Total number of pages including cover sheet:

3

ASSIGNMENT

JOINT

WHEREAS, WE, DAVID PUTNAM; NICHOLAS GALAKATOS; and ROBERT S. LANGER, citizens of the United States, ASSIGNORS, respectfully residing at 143 Otis Street, Cambridge, MA 02141; 16 Peakam Road, Sudbury, MA 01776; and 77 Lombard Street, Newton, MA 02458, are the inventors of the invention in

SAMPLE ARRAYS AND HIGH-THROUGHPUT TESTING THEREOF TO DETECT INTERACTIONS

for which we have executed an application for a Patent of the United States

☒ which is executed on ☐ even date herewith or ☒ December 18, 2000

☒ which is identified by Pennie & Edmonds LLP docket no. 10436-0010-999

and WHEREAS, TRANSFORM PHARMACEUTICALS, INC., a Delaware Corporation having an address at 610 Lincoln Street, Waltham, MA 02541, ASSIGNEE is desirous of obtaining our entire right, title, and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Dec 19 2000, 2000 [Signature] L.S.
DAVID PUTNAM

Date Dec 19 2000, 2000 [Signature] L.S.
NICHOLAS GALAKATOS

Date Dec 18, 2000 [Signature] L.S.
ROBERT S. LANGER

State of _____ }
County of _____ } SS.:

On December 19, 2000, before me, Melissa A. Katsapetsos, Notary Public, personally appeared DAVID PUTNAM, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Melissa A. Katsapetsos

State of

County of

SS.:

On December 19, 2000, before me, Melissa A. Katsafetsos, Notary Public, personally appeared **NICHOLAS GALAKATOS**, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Melissa A. Katsafetsos

State of

County of

SS.:

On December 19, 2000, before me, Constance L. Beal, Notary Public, personally appeared **ROBERT S. LANGER**, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Constance L. Beal

